

CERTIFICATE OF CONFORMITY

Issued to: GoodWe Technologies Co., Ltd.
No.90 ZiJin Rd., New District, Suzhou, 215011, China

For the product: Hybrid Inverter

Trade name: **GOODWE**

Type/Model: GW50K-ET-L-G10, GW75K-ET-G10, GW80K-ET-G10,
GW99.99K-ET-G10, GW100K-ET-G10

Ratings: See Annex

Manufactured by: GoodWe Technologies Co., Ltd.
No.90 ZiJin Rd., New District, Suzhou, 215011, China

Requirements: IEC 60068-2-1:2007,
IEC 60068-2-2:2007,
IEC 60068-2-14:2023,
IEC 60068-2-30:2005,
IEC 60068-2-64:2008+A1:2019

This Test Certificate is granted on account of an examination by DEKRA, the results of which are laid down in a confidential file no. 6242280.50

The examination has been carried out on one single specimen of the product. The Attestation does not include an assessment of the manufacturer's production. Conformity of this production with the specimen tested by DEKRA is not the responsibility of DEKRA.

This Test Certificate expires at the latest on 13th October 2030 or expires upon withdrawal of one of the above mentioned standards.

Shanghai, 13th October 2025

Number: 6242280.01COC

DEKRA Testing and Certification (Shanghai) Ltd.

Kreny Lin
Certification Manager

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DEKRA Testing and Certification (Shanghai) Ltd.

No.250, Jiangchangsan Road, Jing'an District, Shanghai, 200436 People's Republic of China

T +86 21 6056 7600 F +86 21 6056 7555 www.dekra-product-safety.com

ESA-CER-F021 v4.1

Model	GW50K-ET-L-G10	GW75K-ET-G10	GW80K-ET-G10	GW99.99K-ET-G10	GW100K-ET-G10
PV input					
Vmax PV (Vdc) (absolute Max.)	850	1000	1000	1000	1000
MPPT voltage range (Vdc)	160-700	160-950	160-950	160-950	160-950
Nominal Input Voltage (Vdc)	420	620	620	620	620
Isc PV (absolute Max.) (A)	55*8	55*8	55*8	55*8	55*8
Max. input current (A)	42*8	42*8	42*8	42*8	42*8
Max. input power (kW)	100	150	160	200	200
Battery input					
Battery Type	Li-Ion				
Normal Voltage (Vdc)	400	600	600	600	600
Voltage Range (Vdc)	300-600	300-800	300-800	300-800	300-800
Max. continuous charge / discharge current (A)	85 / 85	85 / 85	100 / 100	110 / 110	110 / 110
Max. Charge Power(kW)	50	75	88	99.99	110
Max. Discharge Power(kW)	50	75	88	99.99	110
AC output (On-grid)					
Normal Voltage (Vac)	127/220, 3L/N/PE	220/380, 230/400, 240/415, 3L/N/PE	220/380, 230/400, 240/415, 3L/N/PE	220/380, 230/400, 240/415, 3L/N/PE	220/380, 230/400, 240/415, 3L/N/PE
Frequency (Hz)	50 / 60				
Nominal Output Current (A)	131.3	114.0 @380Vac 108.3 @400Vac 104.4 @415Vac	121.6 @380Vac 115.5 @400Vac 111.3 @415Vac	152.0 @380Vac 144.4 @400Vac 139.2 @415Vac	152.0 @380Vac 144.4 @400Vac 139.2 @415Vac
Normal Active Power (kW)	50	75	80	99.99	100
Max. Active Power (kW)	50	75	88	99.99	110
Normal Apparent Power (VA)	50	75	80	99.99	100
Max. Apparent Power (VA)	50	75	88	99.99	110
Power factor (adjustable)	1.0 (-0.8 ~ +0.8)				
AC output (Back-up)					
Normal Apparent Power (VA)	50	75	80	99.99	100
Max. Apparent Power (VA)	50	75	88	99.99	110
Nominal Output Current (A)	131.3	114.0 @380Vac 108.3 @400Vac 104.4 @415Vac	121.6 @380Vac 115.5 @400Vac 111.3 @415Vac	152.0 @380Vac 144.4 @400Vac 139.2 @415Vac	152.0 @380Vac 144.4 @400Vac 139.2 @415Vac
Others					
Protective class	Class I				
Ingress protection (IP)	IP66				
Operating Temperature	-35 °C to +60 °C				
Inverter Isolation	Non-isolated				
Overvoltage category	OVC III (AC), OVC II (DC)				
Max. Operating Altitude (m)	4000				

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